

1. Running EPA TANKS Program

Use the tanks program as per EPA guidelines keeping the following directions in mind:

- Under the IDENTIFICATION tab, enter into the “Identification No.” field, an AER Device ID (ES #) that is assigned to the tank.
- Use “Description” field to elaborate on the tank as well as its content.

The screenshot displays the 'Vertical Fixed Roof Tank' window of the EPA TANKS program. The 'Identification' tab is selected, showing fields for 'Identification No.' (ES4), '* Description' (Device D27 for Residual Product), '* State' (California), '* City' (Los Angeles AP), and '* Company' (XXXXXXX). A '* Optional' section is also visible. At the bottom, there are buttons for 'Copy', 'Run Report', 'Save', 'Close', and 'Help'.

Vertical Fixed Roof Tank	
Identification	Physical Characteristics Site Selection Tank Contents Monthly Calculations
Identification No:	ES4
* Description:	Device D27 for Residual Product
* State:	California
* City:	Los Angeles AP
* Company:	XXXXXXX
* Optional	
Copy	Run Report Save Close Help

- EPA TANKS program offers default speciation profiles for certain petroleum products. User can use this tool to build the specific toxic profile for the tank contents. In order to fully utilize toxic profiles in emission calculations, the stored materials must be identified as “Multi-Component Liquid” and be analyzed with “Partial Speciation” option.

Vertical Fixed Roof Tank

Identification	Physical Characteristics	Site Selection	Tank Contents	Monthly Calculations
Chemical Category of Liquid: <input type="text" value="Crude Oils"/>				
Single or Multi-Component Liquid: <input type="text" value="Multiple"/>				
Speciation Option: <input type="text" value="Partial Speciation"/>				
Mixture Name: <input type="text" value="Crude oil (RVP 5)"/>				
Average Liquid Surface Temperature			66.430259	
Minimum Liquid Surface Temperature (F):			60.992995	
Maximum Liquid Surface Temperature			71.867522	
Bulk Liquid Temperature (F):			64.328333	
Vapor Pressure (psia):			3.2601	
Minimum Vapor Pressure (psia):			2.9344	
Maximum Vapor Pressure (psia):			3.6143	
Liquid Molecular Weight:			207	
Vapor Molecular Weight:			50	
<input type="button" value="Copy Speciation Profile"/>			<input type="button" value="View/Add Components"/>	
<input type="button" value="Calculate Mixture Properties"/>				
<input type="button" value="Delete Mixture"/>				
<input type="button" value="Next Mixture >"/>				
<input type="button" value=" < Previous Mixture"/>				
<input type="button" value="Add Mixture"/>				
Mixture 1 of 1				
<input type="button" value="Copy"/>		<input type="button" value="Run Report"/>		<input type="button" value="Save"/>
<input type="button" value="Close"/>			<input type="button" value="Help"/>	

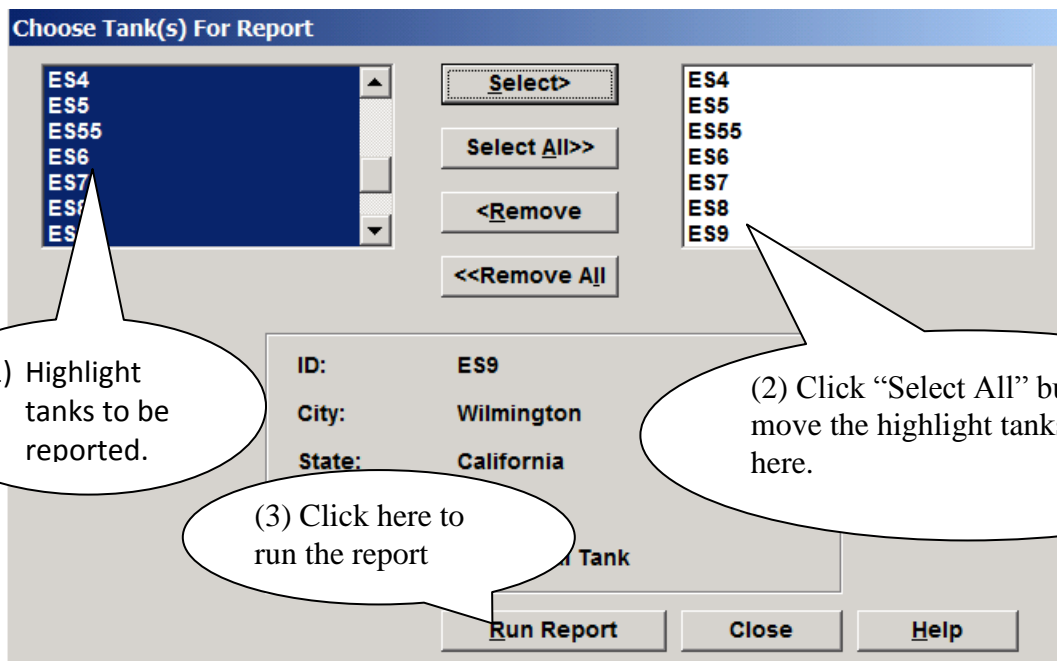
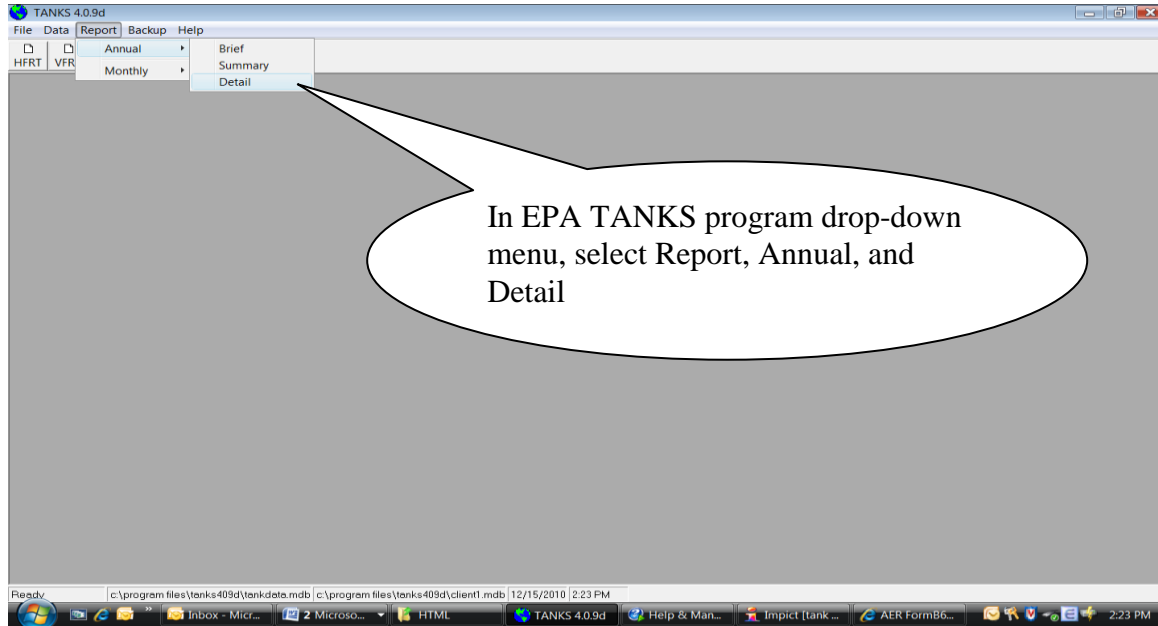
Use this to add/modify existing profiles.

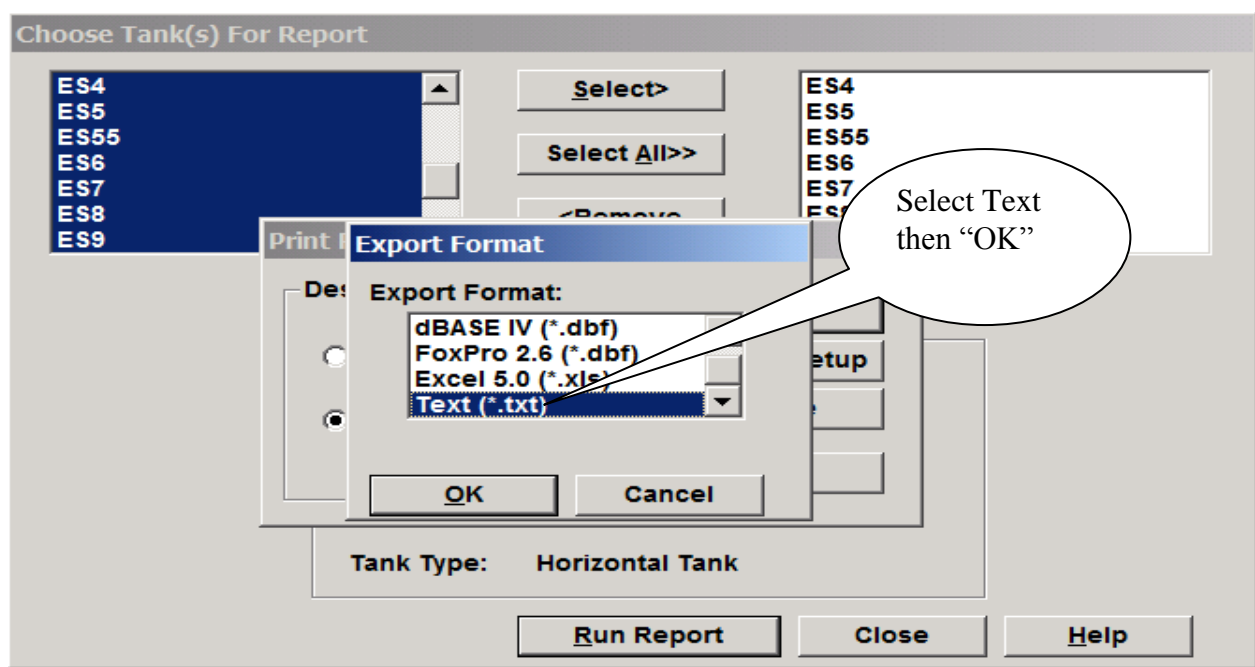
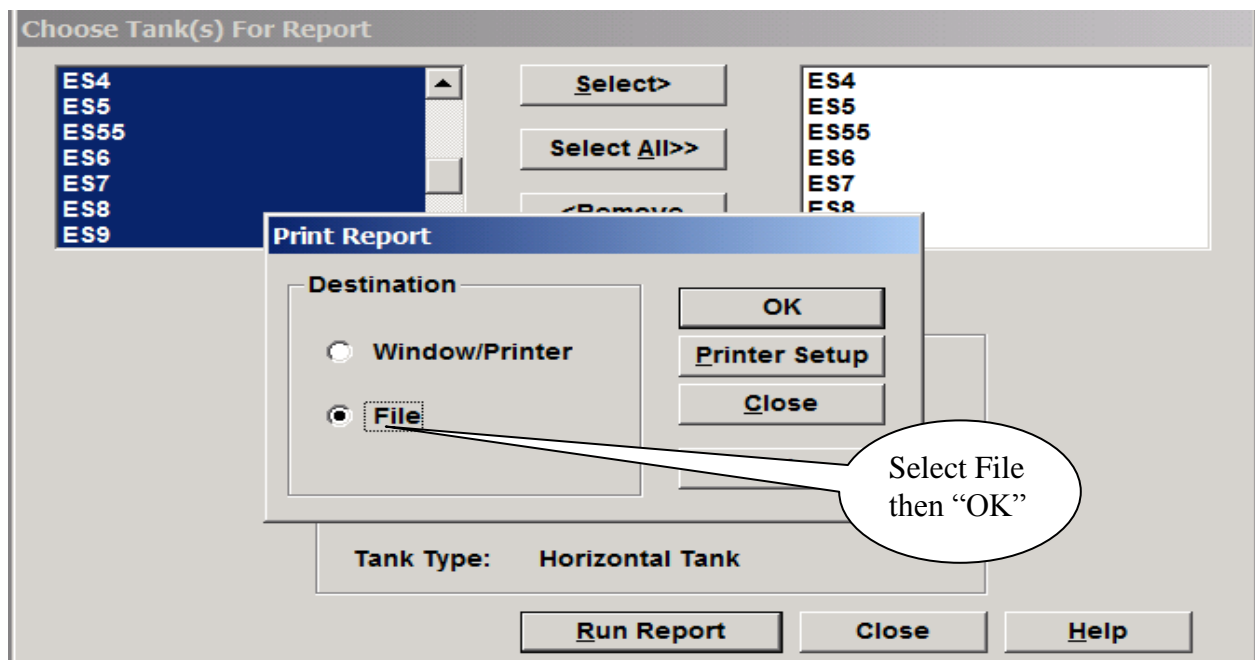
Use this to build and add a profile specific to stored material

2. Creating EPA TANKS Data Output File

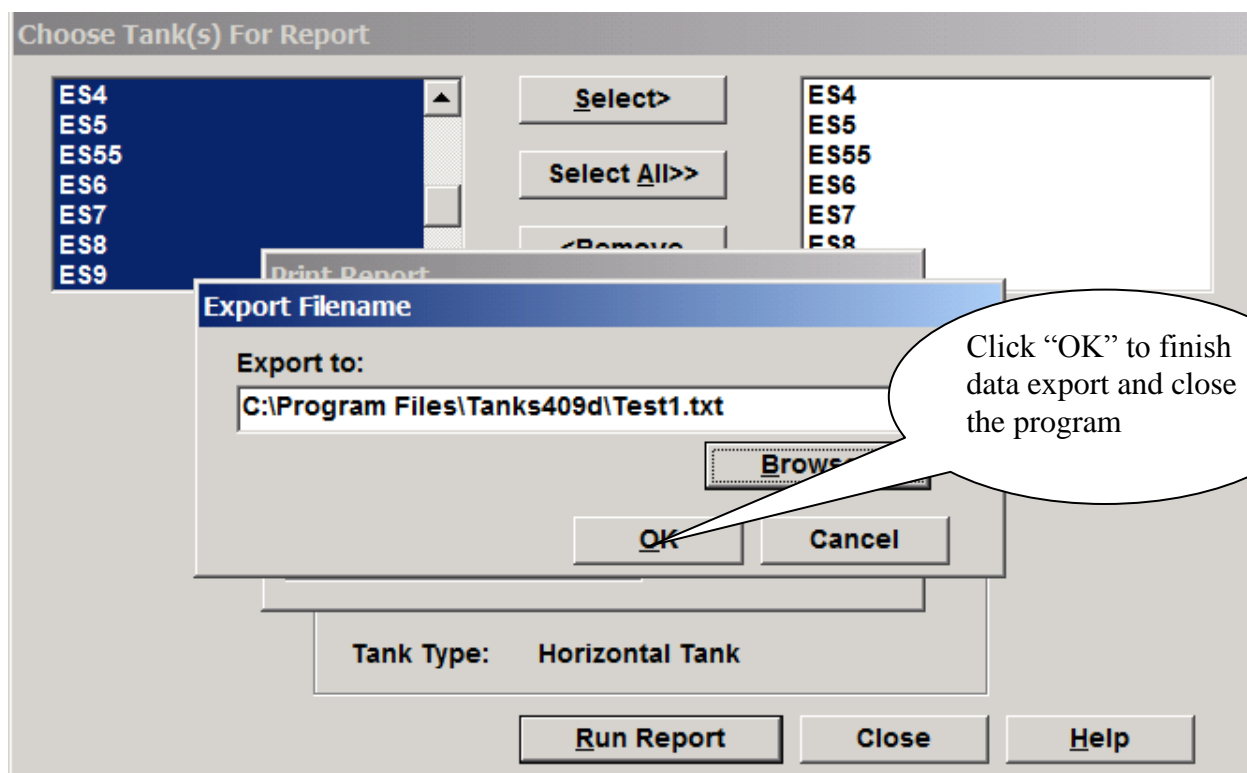
Emission data and results calculated by the EPA TANKS program can either be printed on paper or electronically exported in different format including “text file format”, which works best with the AER Reporting Tool. The program also offers user with choices of reporting one tank at a time, selected multiple tanks, or all tanks in one report.

The AER Reporting Tool is currently designed to accept output data file from the EPA TANKS program in text format only. The series of screenshots below illustrate the procedure to report all tanks in one output file:





The tanks program, will ask to export the selected tanks to a file. User can use the "Browse" button to specifically name the file and designate a storing location. If the sub-directory (place to store the text file) is not specified, the program will store the text file in its default sub-directory under Tanks409d as shown.



3. Importing Tank Data into AER Reporting Tool

Under “Build Reporting Structure” in the AER Reporting Tool, “Click here” link presents brief instructions for working with EPA TANKS program and generating an output file. The output data text file can be attached and imported using the tool on the right side.

AER Home
Access Facility
Facility Home

Facility ID: 800051 · ARCO TERMINAL SERVICES CORPORATION · Reporting period: 2012

Facility ID: 800051

Build Reporting Structure

Emission Sources (ES) Classification

This section contains facility permit profile. Please make sure that every device has a specified Emission Source (ES). New emission sources can also be added.

EPA TANKS Software DATA IMPORT - [Click here](#) for more instructions.

Displaying 68 emission sources. You can use filter to narrow down selection.

A/N		Permit NO	
AER Device ID		Permit Device ID	

[Search Emission Sources](#)

Facility Information

Build Reporting Structure

Combustion Fuels

Emission Sources (ES)

Report Process/Emissions

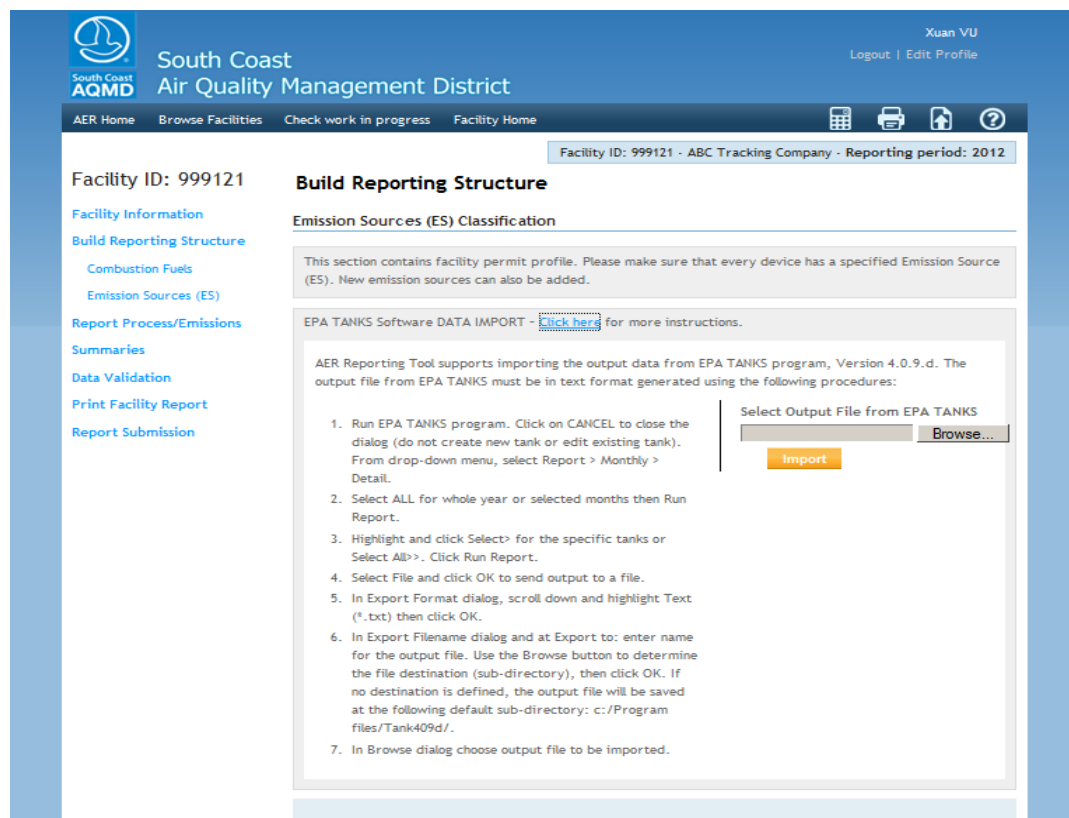
Summaries

Data Validation

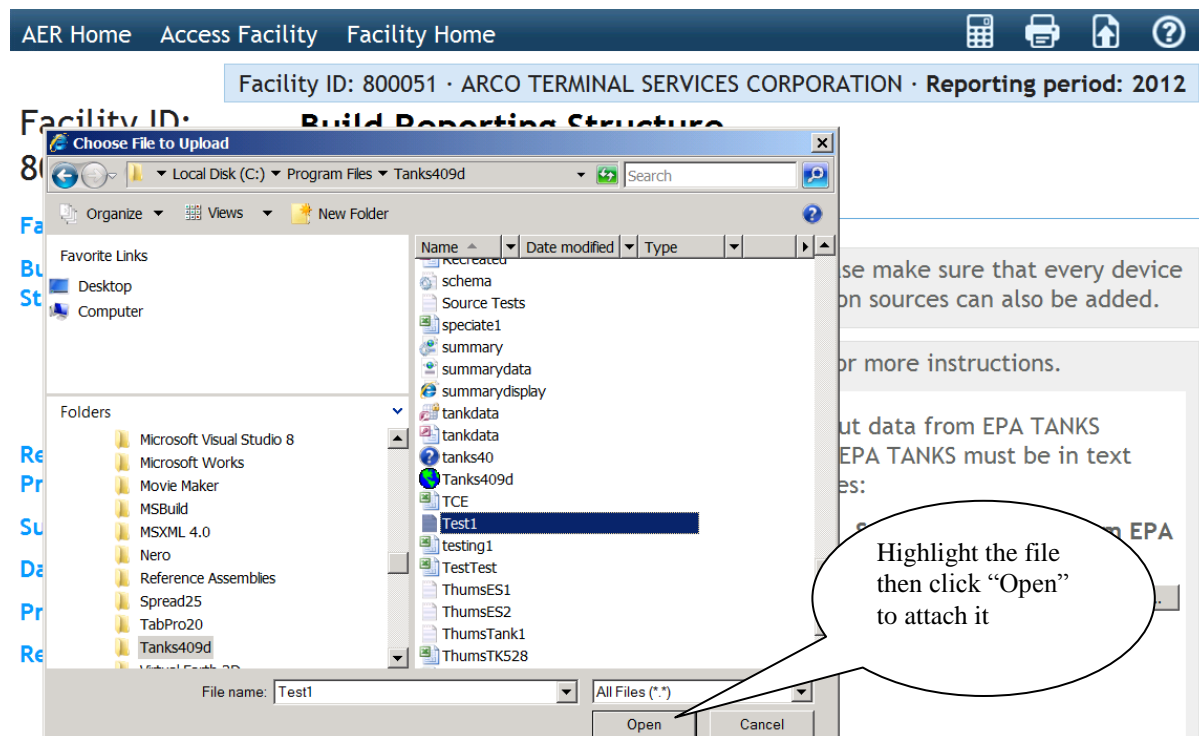
Print Facility Report

Report Submission

Guidelines for Working with EPA TANKS Data



Use “Browse” button to locate the TANKS output file. Use “Open” button to attach it. Use “Import” button to finally import the tank data into the AER Reporting Tool.



4. Extra Correction for AB2588 Facilities

When creating an output text file, the EPA Tanks program assigned a CAS number to “Unidentified Components” which, in turn, is identified by the AER Reporting Tool as another toxic VOC material. In order for the AER Reporting Tool to avoid importing a duplicate record, user must manually delete the text line associated with “Unidentified Components”, re-save, and import the new text file into the AER system.

The following image is a capture of the EPA TANKS output text file. It is best to use MS Windows Note Pad to open the text file. The text line is highlighted. Deleting this line will clear up any duplicate reporting of non toxic components as toxics.



```
ES6 - Notepad
File Edit Format View Help
"ID","MIX ID","PRIMARY","NAME","CAS","MONTH","TANK_TYPE","USER ID","CITY","STATE","COMPANY","DESC","M
48,1,1,"Gasoline (RVP 9)",,"Annual","External Floating Roof Tank","ES6","Los Angeles AP","California"
48,1,0,"Hexane (-n)","00110-54-3","Annual","External Floating Roof Tank","ES6","Los Angeles AP","Calif
48,1,0,"Benzene","00071-43-2","Annual","External Floating Roof Tank","ES6","Los Angeles AP","Californ
48,1,0,"Toluene","00108-88-3","Annual","External Floating Roof Tank","ES6","Los Angeles AP","Californ
48,1,0,"Ethylbenzene","00100-41-4","Annual","External Floating Roof Tank","ES6","Los Angeles AP","Cal
48,1,0,"Xylene (-m)","00108-38-3","Annual","External Floating Roof Tank","ES6","Los Angeles AP","Cali
48,1,0,"Isopropyl benzene","00098-82-8","Annual","External Floating Roof Tank","ES6","Los Angeles AP"
48,1,0,"1,2,4-Trimethylbenzene","00095-63-6","Annual","External Floating Roof Tank","ES6","Los Angele
48,1,0,"Cyclohexane","00110-82-7","Annual","External Floating Roof Tank","ES6","Los Angeles AP","Cali
48,1,0,"Methyl-tert-butyl ether (MTBE)","01634-04-4","Annual","External Floating Roof Tank","ES6","Lo
48,1,0,"Unidentified Components","01634-04-4","Annual","External Floating Roof Tank","ES6","Los Angele
```

5. Restrictions

Tank data must meet certain restrictions for a smooth uploading.